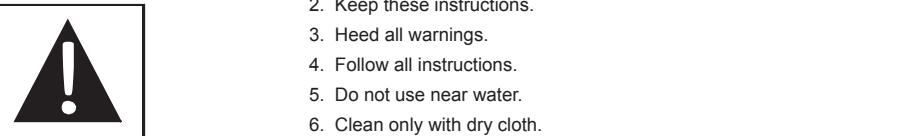


Important Safety Instruction



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of unsupervised "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT FOR LASER PRODUCTS CLASS 1 LASER PRODUCT

DANGER:

- Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

CAUTION:

- These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer to manual for servicing instructions.

FCC NOTICE:

- This equipment has been tested and found to comply with the limits for a Class B digital device.
- Pursuant with the FCC Rules, Part 15. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
- This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction may cause harmful interference to radio communication.

POWER SUPPLY:

- Connect the supplied adapter to the backside of the DVD player in the slot marked "Power In".
- Plug the two-prong end of the power cord to an AC100-240V outlet. If you have difficulty inserting the plug, turn it over and reinsert it, if the unit will not be used for a long time, disconnect the plug from the outlet.

NOTE:

- Before plugging the power cord into an AC outlet, make sure that all the connections have been made.

Important Safety Instruction

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Disc Information

Discs Formats Supported By This Player

	Disc mark	Contents	Size	Maximum playback time
DVD video discs	DVD VIDEO	Audio+Video (moving picture)	12cm	133 min (SS-SL) 242 min (SS-DL) 266 min (DS-SL) 484 min (DS-DL)
CD	CD DIGITAL AUDIO	Audio	12cm/8cm	74min20min
MP3		Audio	12cm	600min
JPEG		Still high resolution		600min

● The operating method of some DVD discs is specified by the software maker.
● Please refer to the instruction manual of the disc.
● The DVD Player will play most recordable (CD-R) or erasable (CD-RW) CDs, but playback of CD-R or CD-RW discs created on a computer requires proper formatting and finalization of the disc for audio playback. Some computers and/or software programs may not be capable of creating compatible discs.

About Disc Terms

Title

Generally, pictures or music compressed on a DVD are divided into several sections, "title".

Chapter

The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. But some discs may not have a recording chapter.

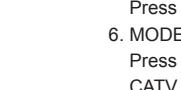
Track

A segment of picture or music on a CD. Each track is numbered for searching.

Care of Disc

Video disc contains high-density compressed data that needs proper handling.

1. Hold the disc with fingers by outer edge and/or the center spindle hole. Do not touch the disc surface.
2. Do not bend or press the disc.



3. Do not expose the disc to direct sunlight or heating sources. Store discs in cabinet vertically, and in dry condition. Prevent exposure to:

- Direct sunlight
- Heat or exhaust from a heating device
- Extreme humidity

Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently and radially from center toward the outer edge. Do not apply thinner, alcohol, chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

Unit View

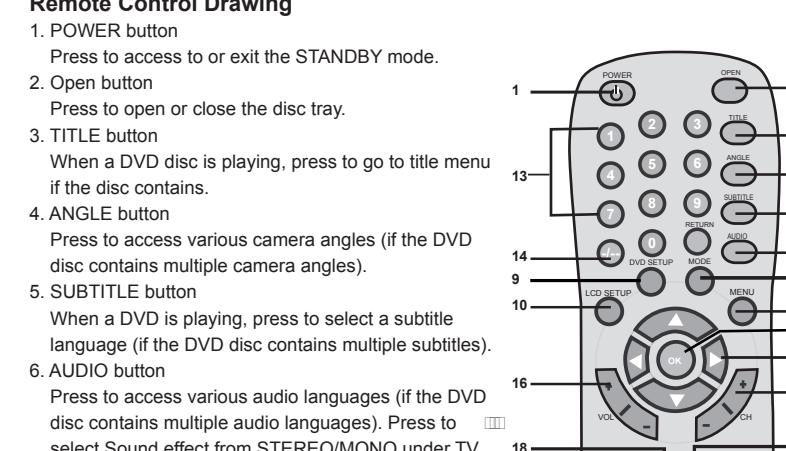
Front/Top/Side Panel



1. MUTE button
Press to turn on/off the speaker output.
2. ENTER button
3. MENU button
The same function as the LCD SETUP button on the remote control.
4. CH +/- button
Press to select channels backward/forward
While in TV mode, the same function as DOWN/UP direction button when in LCD menu set up.
5. VOL +/- button
Press to decrease / increase the volume.
6. MODE button
Press to shift modes among DVD, VGA, CATV,VIDEO, S-VIDEO,COMPONENT mode.
7. POWER button
Press to access to or exit from the STANDBY mode.
8. LCD Screen
Present high resolution pictures.
9. Speakers
10. Disc Loading Slot
Used for loading discs.
11. PREV/NEXT Button
Press to skip backward /forward DVD chapter or CD track
12. PLAY/PAUSE Button
Press it once to start playback.
Press it twice to pause playing.
Press it the third time to resume playback.
13. STOP Button
Press the Stop button once to have a stop.
It will start playing from where it is stop once PLAY/PAUSE button is pressed.
Press the Stop button twice to have a stop
It will start playing from the beginning once PLAY/PAUSE button is pressed.
14. EJECT button
Press to eject /take in the disc.
15. Power On Indicator
In normal playback status, it turns green
16. Remote sensor

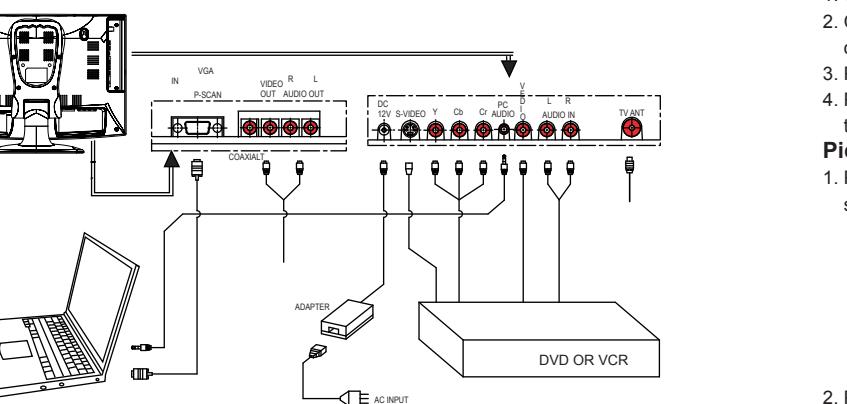
Unit View

Rear Panel



Cable Connections

Figure. Cable connections



For your reference:

1. Connect TV RF sources to antenna port. TV RF signals include: receiving antenna/CATV net. You can use 75Ω coaxial cable to connect outdoor antenna.
2. Connect the earpiece to the "phone" port.
3. Connect audio sources (including DVD/VCR/CAMCORDER/PC) to the proper audio input ports "L" and "R" by RCA cable.
4. Connect video sources (DVD/VCR/CAMCORDER) to the "VIDEO" or "S-VIDEO" port by RCA cable or S-VIDEO cable.
5. When used as computer screen, the PC port should be connected to computer display output by 15-pin D-SUB signal cable.
6. Insert the AC power to the DC adapter, then connect 12v input port of the Display to its' DC output port.

NOTE: When in component mode, the Hue item is unavailable.

TV Function

TV Function Preparations

1. Connect the antenna to the antenna jack on the unit side panel.
2. Connect the power supply cord. If the player is in standby mode, press the POWER button to turn on the power.
3. Press the MODE button to select the TV mode.
4. Press CH buttons on the remote control, or use the number buttons directly, to select the channel that you wish to view.

Picture Parameters setup

1. Press the LCD SETUP button once on remote control to access picture parameters setup menu, the screen will display as below:
2. Press up/down direction button, it appears in succession SYSTEM setup menu, FUNCTION setup menu, CHANNEL setup as well as EXTRA setup menu. Press OK button to confirm.
3. To exit the menu, press LCD SETUP button again, or press direction button to highlight the EXIT and then press OK to confirm

IMAGE Setup

1. Press up/down direction button to highlight the Image setup menu. And press OK to confirm .
2. Press up/down direction button to highlight the desired option from Contrast/Brightness/Saturation/ Sharpness/Hue. Press OK to confirm.
3. Press left/right button to make adjustment. And press OK to confirm.
4. To exit the Image setup menu, highlight Exit and press OK to confirm.

NOTE: When in component mode, the Hue item is unavailable.

TV Function

SYSTEM Setup

CHANNEL Setup

1. Press up/down direction button to highlight the System setup menu. And press OK to confirm.
2. Press up/down direction button to highlight the desired option from Picture/Audio.

Press OK button to confirm.

Picture: Press up/down direction button to select the item from Dynamic/Normal/Soft.. Press OK to confirm.

Audio: Press up/down direction button to select the item from Standard/Classic/Rock/Jazz/Pop. Press OK to confirm

3. To exit system setup menu, highlight EXIT and press OK button.

FUNCTION Setup

FUNCTION

NOISE REDUCTION

INPUT SOURCE

EXIT

1. Press direction button to highlight the Function menu. And press OK button to confirm.
2. Press direction button to highlight the desired option from Noise Reduce/input Source, and press OK to confirm the selection.

Noise Reduction: press direction button to choose from ON/ OFF, and press OK to confirm.

If ON is selected, the image will be shown clearly, but with unclear background.

If OFF is selected, both image and background are displayed normally.

Input Source: a certain input mode has been tickled to indicate current situation

Press direction button to change the desired mode from DVD/VGA/VIDEO/S-VIDEO/TV/ COMPONENT and press OK to confirm.

3. To exit function setup, highlight EXIT and press OK button.

EXTRA Setup

EXTRA

Closed Caption

P. Lock

Exit

1. Press direction button highlight the Extra setup menu and press OK to confirm .

Closed Caption: if the Closed Caption is selected, press direction button to select an option : CC1 ↔ CC2 ↔ CC3 ↔ CC4 ↔ T1 ↔ T2 ↔ T3 ↔ T4 ↔ OFF

If OFF is selected, the caption will be hidden.

NOTE:

The Closed Caption operation is not allowed on some movies and TV programs.

TV Function

CHANNEL Setup

P. Lock

1. Press direction button to highlight the Channel setup menu. And press OK button to confirm .
2. Press direction button to highlight the desired option and press OK to confirm the selection.

Refer to table 1 for detailed description.

(Table 1)

Item	Selection	Instruction
Auto Search	Press up/down direction button to highlight Search Press OK to start autosearch	Search the channels from low to high, and reserve the channels automatically. The reserved channel will be displayed on screen. Press OK to stop searching.

Antenna	Press up/down button to select Air or Cable.	You can select an outer antenna or the cable TV
---------	--	---

Tuning	Press right direction button to increase fine tune. Press left direction button to decrease fine tune.	In order to improve the picture and sound, you can use the function to adjust the received program, and then press OK to reserve it.
--------	---	--

Skip	Press up/down direction button to select ON or OFF.	Set "ON" to skip the present program. It will not be displayed . To restore to normal , set it to "OFF"
------	---	---

NOTE: The program will be skipped when the signal is weak.

EXTRA Setup

Closed Caption

P. Lock

Exit

1. Press direction button highlight the Extra setup menu and press OK to confirm .

Closed Caption: if the Closed Caption is selected, press direction button to select an option : CC1 ↔ CC2 ↔ CC3 ↔ CC4 ↔ T1 ↔ T2 ↔ T3 ↔ T4 ↔ OFF

If OFF is selected, the caption will be hidden.

NOTE:

The Closed Caption operation is not allowed on some movies and TV programs.

TV Function

FUNCTION

AV Function

P. Lock: If the P. Lock is selected, input a 4-digit code to enter the P Lock menu. Enter 1234 if it is the first use.) If the wrong code is input, the P. LOCK menu will not appear on screen.

AV Function

The player has AV functions. You can enjoy programs from external input sources such as recorder, television, satellite receiver or game player etc. Connect the external AV signal source to S-VIDEO or VIDEO jack, and then turn on the power of the unit, and press the MODE button to shift the VIDEO/S-VIDEO/COMPONENT mode.

Picture Parameters setup (S-VIDEO/COMPONENT MODE)

1. Under the S-VIDEO or COMPONENT mode, press the LCD SETUP button once on remote control to access picture parameters setup menu, the screen will display as below:

IMAGE	CONTRAST BRIGHTNESS SATURATION SHARPNESS HUE EXIT
-------	--

2. To exit the Extra setup menu press up/down direction button to highlight EXIT, and press OK to confirm.

P. Lock:

Some movies and TV programs include signals that classify the contents of the program. The P. Lock control feature in the TV detects the signal and blocks the programs according to your selections.

3. To exit the menu, press LCD SETUP button again, or press direction button to highlight the EXIT and then press OK to confirm

IMAGE Setup

IMAGE	CONTRAST BRIGHTNESS SATURATION SHARPNESS HUE EXIT
-------	--

To change the password, please select the New Code item, and enter your desired 4-digit code.

Please keep a copy of it in a safe place. If the password is lost, the default setting will not be reverted to the original password.

There are two Rating systems: TV for broadcasters and MPAA for movies.

TV Rating

TV-MA: Mature audience only
NR: Unrestricted
X: For adults only
TV-14: Not intended for ages under 14

TV-PG: Parental guidance suggested
TV-G: General audience
TV-13: Not intended for ages under 13

TV-10: Not intended for ages under 10
TV-Y: All children
TV-Y7: Children age 7 and above.

NOTE: When in component mode, the Hue item is unavailable.

MPAA Rating

NR: Unrestricted
X: For adults only
R: Restricted
PG: Not intended for ages under 13
PG-13: Not intended for ages under 13
PG: Parental guidance suggested
G: General audience

There are sub-categories within these ratings. As the rating increases, so does the intensity of the category.

(I.e.) Under PG, V would be moderate violence. Under MA, V would be graphic violence.

D- Suggestive dialogue

L- Indecent language

S- Sexual situations

V- Violence

SYSTEM Setup

SYSTEM	PICTURE AUDIO EXIT
--------	--------------------------

1. Press up/down direction button to highlight the System setup menu. And press OK to confirm.

Closed Caption: if the Closed Caption is selected, press direction button to select an option :

CC1 ↔ CC2 ↔ CC3 ↔ CC4 ↔ T1 ↔ T2 ↔ T3 ↔ T4 ↔ OFF

If OFF is selected, the caption will be hidden.

NOTE:

The Closed Caption operation is not allowed on some movies and TV programs.

3. To exit system setup menu, highlight EXIT and press OK button.

AV Function

AV Function

The player has AV functions. You can enjoy programs from external input sources such as recorder, television, satellite receiver or game player etc.

Connect the external AV signal source to S-VIDEO or VIDEO jack, and then turn on the power of the unit, and press the MODE button to shift the VIDEO/S-VIDEO/COMPONENT mode.

Picture Parameters setup (S-VIDEO/COMPONENT MODE)

1. Under the S-VIDEO or COMPONENT mode, press the LCD SETUP button once on remote control to access picture parameters setup menu, the screen will display as below:

IMAGE	CONTRAST BRIGHTNESS SATURATION SHARPNESS HUE EXIT
-------	--

2. To exit the Extra setup menu press up/down direction button to highlight EXIT, and press OK to confirm.

IMAGE Setup

IMAGE	CONTRAST BRIGHTNESS SATURATION SHARPNESS HUE EXIT
-------	--

3. To exit the image setup menu, highlight EXIT and press OK to confirm.

FUNCTION Setup

FUNCTION	NOISE REDUCTION INPUT SOURCE EXIT
----------	---

1. Press up/down direction button to highlight the Function menu. And press OK to confirm.

Picture: Press up/down direction button to select the item from Dynamic/Normal/Soft.. Press OK to confirm.

Playback Function

Playback Functions

Start playing

Press PLAY/PAUSE button once to start playing.

Pause playing

During playback, press the PLAY/PAUSE button once to have a pause. Press it twice to resume.

Stop playing

Press the STOP button once to stop playback. It will start playback from where it was stopped once PLAY/PAUSE button is pressed.

Press the STOP button twice to stop playback. It will start playback from the beginning once PLAY/PAUSE button is pressed.

Repeat Function

1. Use the REPEAT button to perform repeat function
For DVD : REP: CHAPTER - REP:TITLE - REP:OFF

For CD : REP:1 - REP:ALL - REP:OFF

2. Use the A-B button on the remote control to repeat a section A to B. The player can repeat any section A-B. Press once to set the starting point A, the second time to set the ending point B, and the third time to cancel repeat.

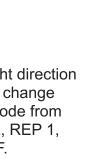
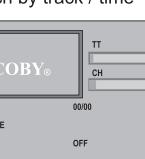
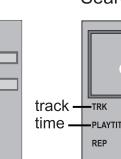
NOTE: Some discs do not support the repeat function.

Search Function

You can use the GOTO button on the remote control to get to the desired section. Press the GOTO button, below picture appears on the screen

DVD

Search by title / chapter



REP
Press right direction button to change repeat mode from REP ALL, REP 1, REP OFF.

angle

1. Press the direction buttons to highlight item and press OK button to confirm
2. Use the number buttons to input the title/chapter/track/time (hour, minute, and second) and then

press OK button. The player will play specified section of a DVD or CD

3. Press the GOTO button once again to exit from the preview window and menu.

NOTE: Some DVD discs do not support the search function.

Fast Playback

Press the FWD/F.BWD button on the remote control to activate fast forward or rewind. Repeatedly press the button will increase or decrease the search speed

PLAY - FORWARD/BACKWARD x2 - x4 - x8 - x20

Playback Function

Slow Playback

Press the SLOW/STEP button to play at slow motion. Repeatedly pressing the button will decrease the slow speed. There is no slow playback for MP3, CD discs.

PLAY - SF1/2 - SF1/3 - SF1/4 - SF1/5 - SF1/6 - SF1/7

Zoom Function

Use the ZOOM button on the remote control to achieve several zoom effects. Press the ZOOM button once to achieve the following zoom sequence:

ZOOM 2 - ZOOM3 - ZOOM 4 - ZOOM1/2 - ZOOM1/3 - ZOOM1/4 - ZOOM:OFF

NOTE: There is no zoom function for MP3 or CD discs.

Sound

Press sound button to adjust sound output mode. Four items are available for adjustment : SRND, EQ, BAND, KEY.

Programming Chapters / Tracks

You can store up to 16 chapters of a DVD (or 16 tracks of a CD) in an individually programmed order. Please proceed accordingly:

1. Press the PROGRAM button. The screen shows:

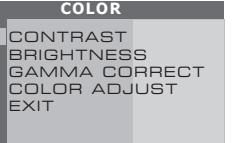
DVD

CD

LCD Setup for DVD

LCD SETUP

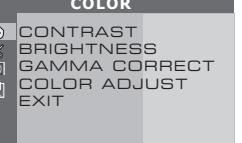
Under the DVD mode, press the LCD SETUP button once on remote control to access picture parameters setup menu, the screen will display as below:



1. Press up/down direction button, it appears FUNCTION setup menu, and OSD MENU. Press OK button to confirm.

2. To exit the menu, press LCD SETUP button again, or press direction button to highlight the EXIT and then press OK to confirm.

COLOR Setup

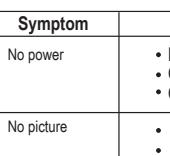


1. Press up/down direction button to highlight the COLOR setup menu. And press OK to confirm.

2. Press up/down direction button to highlight the desired option and press OK to confirm.

Refer to below table for detailed descriptions.

Item	Adjust Range	Instruction
Contrast	0-100	Adjust the contrast to your satisfaction
Brightness	0-100	Adjust the brightness to your satisfaction
Gamma Correct	4 grades (0,1,2,3)	Correct the brightness to your satisfaction
Color adjust	9300K: R (54), G(69), B (62) 6500K: R (59), G(62), B (49) User: R (0-100), G (0-100), B (0-100)	Adjust the color Temp to your satisfaction.



1. Press direction button to highlight the Function menu. And press OK button to confirm.
2. Press direction button to highlight the desired option from Noise Reduce/input Source, and press OK to confirm the selection.

Noise Reduction: press direction button to choose from ON/ OFF, and press OK to confirm. If ON is selected, the image will be shown clearly, but with unclear background. If OFF is selected, both image and background are displayed normally.

Input Source: a certain input mode has been marked to indicate current situation. Press direction button to change the desired mode from DVD/VGA/VIDEO/S-VIDEO/TV/COMPONENT and press OK to confirm.

3. To exit function setup, highlight EXIT and press OK button.

OSD SETUP



1. Press up/down direction button to highlight the OSD setup menu. And press OK to confirm.

2. Press up/down direction button to highlight the desired option and press OK to confirm.

See Table 4 as below for detailed descriptions.

Item	Adjustment	Instruction
OSD Timer	Press up/down direction to select ON or OFF	When ON is selected, the OSD will automatically disappear after 8 seconds. When OFF is selected, the OSD can be closed just after selecting the Exit Submenu.
Translucent	Press up/down direction to select ON or OFF	When ON is selected, the OSD will be translucent.

Trouble Shooting

Symptom	Check and Action
No power	<ul style="list-style-type: none">• Make sure the unit has been powered on manually.• Check if the power cord has been properly connected to the power outlet.• Check if the main power has been switched on.
No picture	<ul style="list-style-type: none">• Try another TV channel• Check if the system connection is proper and secure.• Check if the connection cables are damaged.
No sound	<ul style="list-style-type: none">• Increase the volume.• Check if the MUTE function of the unit has been activated.• Check if the sound system has been properly set.• Check if the AV audio signal input cable has been connected properly.
Color distorted	<ul style="list-style-type: none">• Reset the color system of the unit.• Check if the system has been properly connected.• Check if the AV video signal input cable is connected properly.
Picture and sound are interfered	<ul style="list-style-type: none">• Check if the system has been properly connected.• If using antenna, adjust the antenna.
Remote control does not work	<ul style="list-style-type: none">• Make sure the POWER button on the unit has been turned on manually.• Remove the obstacles between the remote control and the player.• Point the remote control towards the remote sensor on the player.• Check if the batteries of the remote control have been loaded with correct polarities.• Replace the batteries of the remote control.
Screen is traverse interfered under PC mode	<ul style="list-style-type: none">• Correct the phase setting in PC mode.
Malfunction	<ul style="list-style-type: none">• Should the player develop a malfunction, unplug the player for 30 minutes. After that, power on the player and the restore function should reset the player.

Specification

TFT Panel characteristic	Size	17"
	Resolution	1286x1024
	Pixel pitch	0.264mm
	TV system	NTSC 3.58/4.43 (VIDEO IN)
	Tuning system	FS with PLL

Standard

AC/DC Adapter	AC input	100-240V 50/60Hz
	DC output	+12V 5A
Power consumption	On working	35W (Max)
	Standing	<2W
	Speaker	2x (4 Ω, 3W)

Operating temperature range

10 °c-40 °c

Dimension

506x155x393 mm

Weight

5302g